Coordinate Conversion:

1) Select the direction of the conversion by clicking on either the State Plane to Project or Project to State Plane radio buttons.

2) Enter in the combined factor for the data being converted. Always enter the true Combined Factor - never the reciprocal. The macro will set the scale correctly for the transformation you have selected.

3) Click on OK. All the elements in the file will be moved to the new coordinate position

What the macro does for State Plane to Project conversions:
    a) Scale is set to 1/Combined Factor
    b) All elements in the design file are scaled by 1/Combined factor about 0,0.
    c) All elements in file have 100,000 metric units (328,083.9895013 feet) **added** to northings and eastings to clearly mark that the data is now in project datum.

What the macro does for Project to State Plane conversions:
    a) Scale is set to Combined Factor
    b) All elements in file have 100,000 metric units (328,083.9895013 feet) **subtracted** from to northings and eastings.
    c) All elements in the design file are scaled by 1/Combined factor about 0,0.